AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at line 7 on page 1, as follows:

The following seven Applications, including the present Application, are related:

1. U.S. Patent Application ~~No. 10/ ___,___, filed on _____~~ No. 10/671,887, filed on September 29, 2003, to Gustavson et al., entitled "METHOD AND STRUCTURE FOR PRODUCING HIGH PERFORMANCE LINEAR ALGEBRA ROUTINES USING COMPOSITE BLOCKING BASED ON L1 CACHE SIZE", having IBM Docket YOR920030010US1;

2. U.S. Patent Application ~~No. 10/ ___,___, filed on _____~~ No. 10/671,933, filed on September 29, 2003, to Gustavson et al., entitled "METHOD AND STRUCTURE FOR PRODUCING HIGH PERFORMANCE LINEAR ALGEBRA ROUTINES USING A HYBRID FULL PACKED STORAGE FORMAT", having IBM Docket YOR920030168US1;

3. U.S. Patent Application ~~No. 10/ ___,___, filed on _____~~ No. 10/671,888, filed on September 29, 2003, to Gustavson et al., entitled "METHOD AND STRUCTURE FOR PRODUCING HIGH PERFORMANCE LINEAR ALGEBRA ROUTINES USING REGISTER BLOCK DATA FORMAT", having IBM Docket YOR920030169US1;

4. U.S. Patent Application ~~No. 10/ ___,___, filed on _____~~ No. 10/671,889, filed on September 29, 2003, to Gustavson et al., entitled "METHOD AND STRUCTURE FOR PRODUCING HIGH PERFORMANCE LINEAR ALGEBRA ROUTINES USING LEVEL 3 PREFETCHING FOR KERNEL ROUTINES", having IBM Docket YOR920030170US1;

5. U.S. Patent Application ~~No. 10/ ___,___, filed on _____~~ No. 10/671,937, filed on September 29, 2003, to Gustavson et al., entitled "METHOD AND STRUCTURE FOR PRODUCING HIGH PERFORMANCE LINEAR ALGEBRA ROUTINES USING

PRELOADING OF FLOATING POINT REGISTERS", having IBM Docket YOR920030171US1;

6. U.S. Patent Application ~~No. 10/ ___,___, filed on _____~~ No. 10/671,935, filed on September 29, 2003, to Gustavson et al., entitled "METHOD AND STRUCTURE FOR PRODUCING HIGH PERFORMANCE LINEAR ALGEBRA ROUTINES USING A SELECTABLE ONE OF SIX POSSIBLE LEVEL 3 L1 KERNEL ROUTINES", having IBM Docket YOR920030330US1; and

7. U.S. Patent Application ~~No. 10/ ___,___, filed on _____~~ No. 10/671,934, filed on September 29, 2003, to Gustavson et al., entitled "METHOD AND STRUCTURE FOR PRODUCING HIGH PERFORMANCE LINEAR ALGEBRA ROUTINES USING STREAMING", having IBM Docket YOR920030331US1, all assigned to the present assignee, and all incorporated herein by reference.

Please amend the paragraph beginning at line 7 on page 4, as follows:

In view of the foregoing and other ~~exemplary~~ exemplary problems, drawbacks, and disadvantages of the conventional systems, it is, therefore, an exemplary feature of the present invention to provide a technique that improves performance for linear algebra routines.